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CORNELL NOTETAKING

Key Words

Use wheel for transportation

Improve pottery making process

Produce large amount of copper and use to make weapons

Watering fields

Studying the Stars

Advanced Engineering ability

Made efficient number system

Main Ideas/Supporting Ideas

- used in Mesopotamia c. 3250 BCE
- possible first used to create pottery
- used for easier movement of items like ploughs, carts, war chariots.

- used kiln: an oven that is enclosed used to make bricks plus pottery
- kiln can reach high temperature
- high temperature allows brick to become more tough and hard vs. sun dried bricks

- stronger tools created by mixing copper and tin to make bronze-improved tool strength allow for making superior boats and land
- allow to trade with faraway places

- 1st carried water from the river to their fields
- Soon after dug canals and channels of water that will flow from the river to the fields

- priests determined best time to till, plant, and harvest the field-invented a calendar with two seasons summer and winter
- calendar based on aspects of the moon
- calendar had 12 months of 30 days

- used mathematic understanding to build large temples and complicated systems such as canals, dikes, and ditches
- created numbering system based on sixty, which was used by mathematicians and astronomers till the 1600s
- system is still being used today for measuring angles and time.

- had clay tablets that dated to about 3000 BCE
- to represent 5 barrels of oil symbol for oil was drawn 5 times
- city grew, needed to keep record of economic activities
- developed a system that divides symbol to amounts.
- to represent 5 barrels for oils in the developed system they would have drawn the symbol of five and the symbol for oil
- new system was helpful with large amounts

Connections and Reflections (Summary)

Legacy of the Sumerians talk about the important things they have done that we still use today, for examples pottery, wheels, tools, watering fields, studying the stars, their engineering ability, and their efficient number system. All of this small inventions they have made have been improved as times goes by.